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國立高雄科技大學
NATIONAL KAOHSIUNG
UNIVERSITY OF SCIENCE
AND TECHNOLOGY
授課大綱 Syllabus

部別：日間部碩士

112學年度第2學期

列印日期：2024/03/04

中文課程名稱：英文論文寫作與發表	英文課程名稱：English thesis writing and presentation	授課教師：SHARMA VISHAL
開課班級：水食所一甲	學分：2.0	授課時數：2.0
合班班級：水食所二甲		實習時數：0.0

1. 中文教學目標(Chinese Teaching objectives)

在整個學期中，該課程試圖在以下方面幫助學生並加強他們的學習。1. 透過將想法組織成邏輯順序（例如按重要性順序組織訊息）和連貫的段落（主題句、支持句、過渡句和結束句）來幫助學生發展邏輯思維2. 透過段落寫作練習（例如意見段落）幫助學生培養批判性思考3. 幫助學生練習不同目的的寫作（例如，比較和對比段落，處理段落-按時間順序組織資訊）4. 幫助學生熟悉Process writing、prewriting（腦力激盪）、組織或大綱、起草、編輯和修改，而不僅僅是Product writing 5. 以文法學習為重點，幫助學生更準確地書寫英語6. 透過日記寫作幫助學生更流利地書寫英語

2. 英文教學目標(English Teaching objectives)

Throughout the semester, the course attempts to assist students and enhance their learning in the following aspects. 1. To help students develop logical thinking by organizing ideas into logical orders (e.g. organizing information by order of importance) and into coherent paragraphs (a topic sentence, supporting sentences, transitions, and a concluding sentence) 2. To help students develop critical thinking through paragraph writing exercises (e.g. opinion paragraphs) 3. To help students practice writing for different purposes (e.g., compare and contrast paragraphs, process paragraphs-organizing information by time order) 4. To help students become acquainted with Process writing, prewriting (brainstorming), organizing or outlining, drafting, editing, and revising, not just Product writing 5. To help students be able to write English more accurately with a focus on grammar learning 6. To help students be able to write English more fluently through journal writing

3. 中文教學綱要(Chinese CourseDescription)

本課程以提升學生的寫作能力為重點，著重於句子和短段落的組成。學生被告知不僅要在課堂上練習寫作，還要在家裡練習寫作。本課程還將幫助學生發展有關如何撰寫研究論文或論文的科學知識。老師將指導培養用英語寫好手稿的技能。該課程還著重於如何在撰寫手稿時避免錯誤、語法錯誤、寫作能力和技巧。這堂課絕對有助於學生的學習和提升英語和科學氣質。

4. 英文教學綱要(English CourseDescription)

This class is focussed on improving the writing ability of the students, concentrating on the composition of sentences and short paragraphs. Students are told to practice their writing not only in the class but also at home. This course will also help the students in developing scientific knowledge on how to write a research paper or thesis. The teacher will guide on developing the skill to write the manuscript with good hold in English language. The class also focusses on how to avoid mistakes while writing a manuscript, the gramatical errors, writing abilities and skills. This class will definitely help in great learning and improving the English and Scientific temprament of the students.

5. 中文核心能力

核心能力名稱	核心能力百分比
1 水產食品知能	5%
2 食品加工知能	5%
3 食品生物科技	5%

4	食品品管檢驗知能	5%
5	資訊整合	5%
6	語言知能	30%
7	整合創新	15%
8	適應社會	10%
9	溝通協調能力	10%
10	服務管理	10%

6. 英文核心能力

	核心能力名稱	核心能力百分比
1	Knowledge of aquatic foods	5%
2	Knowledge of food processing	5%
3	Food biotechnology	5%
4	Knowledge of food quality inspections	5%
5	Information integration	5%
6	Knowledge of language	30%
7	Integrated innovation	15%
8	Social adaptation	10%
9	Communication and coordination skills	10%
10	Service management	10%

無教科書資料。

無參考書資料。

9. 教學進度表

週次或項目 Week or Items	中文授課內容 Chinese Course Content	英文授課內容 English Course Content	分配節次 Assigned Classes	備註 Note
1	課程概述和簡介為什麼撰寫和發表論文或論文在研究中很重要？	Couse overview and Introduction on why writing and publishing a paper or dissertation is important in a research?	2	
2	學習從文獻中搜尋已發表文章/論文的技能。 搜尋引擎	Learning skills in searching published articles/papers from	2	

	和平台。	literature. Search Engines and platforms.	
3	有效科學的基本需求 寫作：使用基於網路的搜尋引擎、 驗證資訊、在 MS Office 中編輯、樣式分析程式、資料輸入和 Excel 的工作知識。	Basic needs for effective scientific writing: Using web-based search engines, authenticating the information, editing in MS Office, style analysis programs, data entry, and working knowledge of Excel.	2
4	写作技巧：规划和撰写简历。	Writing Skills: Planning and writing a resume.	2
5	科學寫作概述：科學寫作與科學寫作有何不同 一般寫作。研究思路從何而來？	Overview of science writing: How is scientific writing different from General writing. Where do research ideas come from?	2
6	論文類型（短文、原創研究文章、評論、書籍章節）； 進行文獻綜述	Types of paper (short communication, original research article, review, book chapter); Conducting a literature review	2
7	科學論文的結構：為手稿撰寫摘要、標題和關鍵字	Structure of a Scientific Paper: Writing an abstract, title, and Keywords for a Manuscript	2
8	科學論文的結構：撰寫手稿的方法部分	Structure of a Scientific Paper: Writing the Methods Section of a manuscript	2
9	期中考试	Mid-term Exam	2
10	科學論文的結構：撰寫手稿的結果和討論部分。結果解釋。	Structure of a Scientific Paper: Writing the Results and Discussion Section of a manuscript. Interpretation of results.	2
11	製作有效的標題和副標題； 如何準備圖表、表格、示意圖、圖表？	Crafting effective headings and subheadings; How to Prepare Figures, Tables, Schematics, Graphs and Charts?	2

12	科學語言清晰和精確的重要性；使用主動語態與被動語態。	Importance of clarity and precision in scientific language; Use of active vs. passive voice.	2
13	手稿的定稿與研究倫理	Finalizing the Manuscript and Ethics in Research	2
14	為什麼投稿前選擇期刊很重要？什麼是期刊的影響因子、h指數？遵循作者指南、線上提交、校對稿件。	Why is journal selection important before submission? What is impact factors of a journal, h index? Following author guidelines, online submission, proofreading of a manuscript.	2
15	口頭交流；修訂、解決審稿人的意見、如何向期刊提交稿件。	Oral communication; Revision, Addressing the comments of the reviewers, How to Submit a manuscript to a journal.	2
16	格式和引文：科學寫作中的引文風格（例如 APA、MLA、Chicago 等）；參考文獻和引用。	Formatting and Citations: Citation styles (e.g., APA, MLA, Chicago, etc.) in scientific writing; References and citation.	2
17	撰寫研究計劃並準備幻燈片簡報 (PPT)。	Writing a Research Proposal and Preparing for a Power point Presentation (PPT).	2
18	期末考试	Final Exam	2

10. 中文成績評定(Chinese Evaluation method)

出勤、测验、家庭作业和期中/期末考试

11. 英文成績評定(English Evaluation method)

Attendance, quiz, homework, and the mid-/final- exams

12. 中文課堂要求(Chinese Classroom requirements)

投影机/在线教学设置。

13. 英文課堂要求(English Classroom requirements)

Projector/online teaching setup.

無SDGs相關項目。(No SDGs Data.)

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